Claymore - Project Overview

The Claymore Application is a comprehensive solution built with both web and mobile platforms, designed to manage the entire workflow from the job order allocation to inspection and final authorization..

The web application provides administrative control, reporting, and detailed inspection management, while the mobile application which deals with technicians to perform risk assessment, inspections, submit timesheet and acknowledgments…

Together, these platforms we can covers everything from user management, job allocation, technician tracking, inspection management, and multi-level authorization — all within a user-friendly and secure environment.

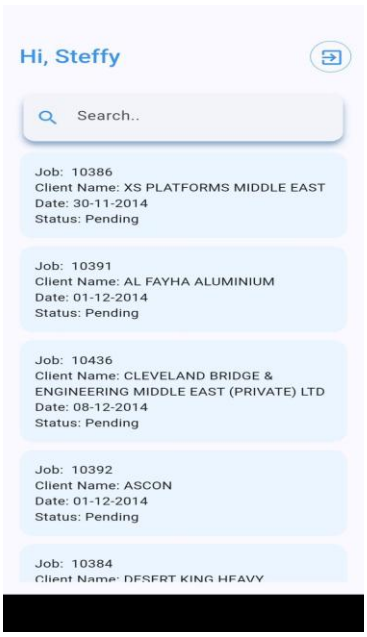
A key feature of the mobile app is geolocation tracking, which captures the technician's location from check-in to check-out~~. This ensures that inspections are performed at the actual client site, increasing accuracy and accountability. It also enables the system to log the client's location automatically.~~

In the following sections, I'll walk you through each module of the system and explain how the platform works across different stages — from login to final approval.

Claymore Mobile Application – Technician Workflow Overview

Welcome to the Claymore Mobile Application. I'll walk you through the end-to-end technician journey

1. Job List Summary (First Screen)



After login, technicians are navigated to the Job List Summary. This screen displays:

- **Job Order Number, Client Name, and Current Status** of each assigned job.
- Jobs are allocated to specific technicians.
- Statuses include:
- **Pending** – Initial state before work begins.
- **Working** – Once the Risk Assessment is started.
- **Completed** (Approved/Rejected/Suspened) – Upon admin review; the job is then removed from the list.
- **Correction** – If admin requests changes, the job reappears with this status.

***Correction Request Initiation ***

1. **Request**

- An approver or admin requests a correction for a specific product.
- The request includes remarks explaining the needed changes.

2. **Notification to Technician:**

- The request is sent as a notification to the corresponding technician who initially performed the inspection.
- It appears as a job in the Job List Summary.

3. **Technician's Action:**

- The technician clicks on the job to view the risk assessment.

. And the product inspection details in an editable format.

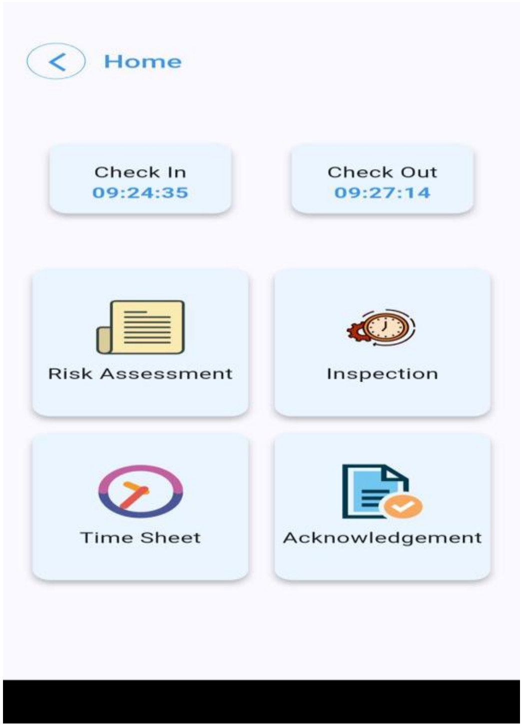
- After making the necessary corrections, the technician saves the changes.
- No check-in, check-out, or acknowledgement is required.

4. **Approval Process:**

- The corrected request is sent back to the approver screen.
- The approval process continues as usual.

Search functionality is available to filter by Job Order Number/Client Name/Status..

2. Job Execution Screen (Second Screen)



Clicking on a job from the summary takes you to the detailed Job Execution screen. Here, the technician can:

Check in/ Check out

1. The user must complete the check-in before performing a risk assessment/ inspection.

2. After check-out, they can access the timesheet for acknowledgment.

3. Currently, only one check-in and check-out is allowed per job each day.

4. However, if the job extends to the next day, the timesheet should be prepared on a daily basis.

5. In this scenario, the user can check in and check out the next day for the same job order.

- Perform four main tasks:
  1. Risk Assessment
  2. Inspection
  3. Timesheet
  4. Acknowledgement

Risk Assessment Flow:

- Two buttons appear:

1. View Risk Assessment
2. Add(+) Risk Assessment.

- Once a technician clicks the “+” button, the Risk Assessment is assigned to them.
- Only the assigned technician can complete it.
- After completion, other allocated technicians can proceed with Inspection.

Inspection Flow:

- Similar structure with View and Inspect buttons.
- When an inspector views the inspection for the first time, a list of products is displayed with two buttons:

    1. View (Clicking View opens the form in read-only mode.)

    2. Inspect (Clicking Inspect assigns the inspection to the inspector, making them responsible for completing it.)

- After saving, only the Inspect button remains enabled without a save option to view the inspected data.
- Once an inspector starts an inspection, that product is removed from the list for other inspectors.
- If corrections are received from the admin, the inspector is notified in the job order list with the status “correction.”
- Clicking the item in the list redirects to the inspection summary screen to view remarks, make corrections, and save.
- After submitting the request, it can be viewed in read-only mode.
- If the request is for correction, the Inspect button enables the save option.
- Once the request is closed (approved, rejected, or suspended), the job is removed from the job order list.

- Any technician can view inspection data, but only the one who clicks Inspect button can complete it.

3. Timesheet & Acknowledgement (Third Screen)

Once the inspection is done:

- The Timesheet screen is enabled.
- Pre-filled data includes: Check-In / Check-Out Time and Displays inspected products with description

Site Hours = (Check-out - Check-in)

Total Hours = Site Hours + Travel Hours

Site hr field is always auto- generated based on check-in and check-out times.. If the user enters a Travel Hour(manually), it should be added to the Site Hours to determine the Total Hr

Scope of Work Section: Contains five checkboxes — at least one is mandatory.

Additional Fields: Toggle based on your attachment

A Customer Acceptance Declaration must be acknowledged via checkbox.

Customer Signature: Collected using a signature pad at the bottom of the timesheet.

- After signing, the technician can submit the Timesheet.

Acknowledgement Submission

- All products under a job must be inspected before Acknowledgement can proceed.
- Once all technicians complete their inspections and timesheets, each receives a notification.
- Only then can technician-wise Acknowledgements be submitted.

Acknowledgement Steps

1. After completing the timesheet, click the Acknowledgement button to open the Inspection Summary Page, where you can view the inspected products list..
2. Verify the inspection details using the Inspect button if needed.
3. Click the signature button to upload the client's signature.
4. Save the acknowledgement.

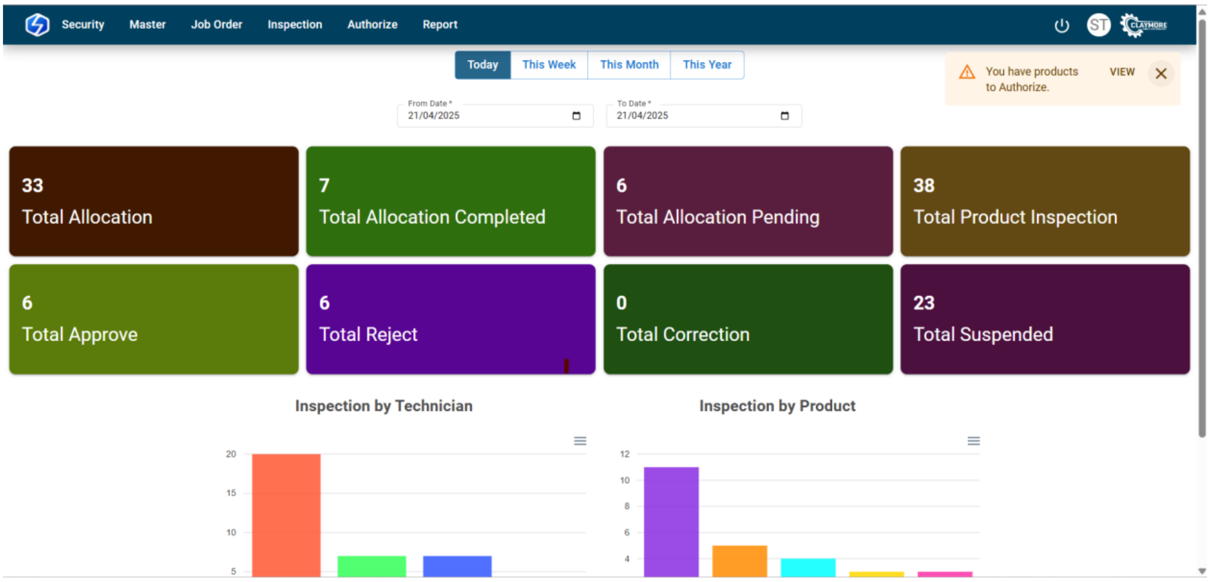
Note:

- Acknowledgement is done technician-wise.
- The Acknowledgement button is enabled only after completing the inspection for all products..

Notification

1. Joborder allocation
2. Correction notification
3. Suspended joborder notification
4. Ready for acknowledgement
5. Risk completion

Claymore Project – Web Application Overview

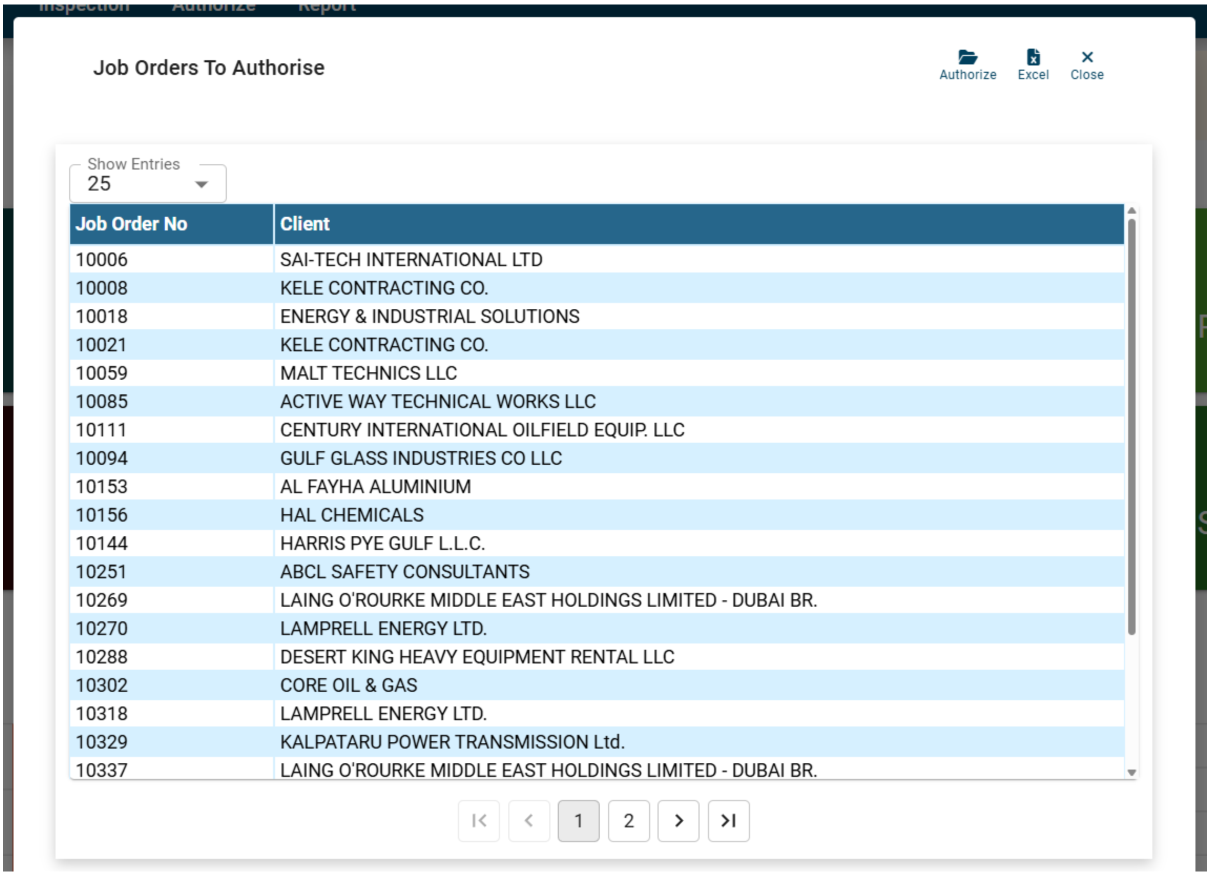


After logging into the Claymore web application, the user is taken to a comprehensive dashboard that presents an overview of key operational metrics. Below is a structured explanation of the functionalities and navigation flow:

1. Dashboard Overview

Upon successful login:

- The dashboard displays key summary metrics such as:
- Total Allocation
- Pending Allocations
- Total Corrections
- Total Rejections
- Inspection by Technician
- Inspection by Product
- Users can view these metrics filtered by time periods:
- Today, This Week, This Month, and This Year
- Additionally, users can filter data using a custom date range via “From Date” and “To Date” selectors.
- An “Authorize Order” button is available. When clicked:



Job Order No	Client
10006	SAI-TECH INTERNATIONAL LTD
10008	KELE CONTRACTING CO.
10018	ENERGY & INDUSTRIAL SOLUTIONS
10021	KELE CONTRACTING CO.
10059	MALT TECHNICS LLC
10085	ACTIVE WAY TECHNICAL WORKS LLC
10111	CENTURY INTERNATIONAL OILFIELD EQUIP. LLC
10094	GULF GLASS INDUSTRIES CO LLC
10153	AL FAYHA ALUMINIUM
10156	HAL CHEMICALS
10144	HARRIS PYE GULF L.L.C.
10251	ABCL SAFETY CONSULTANTS
10269	LAING O'ROURKE MIDDLE EAST HOLDINGS LIMITED - DUBAI BR.
10270	LAMPRELL ENERGY LTD.
10288	DESERT KING HEAVY EQUIPMENT RENTAL LLC
10302	CORE OIL & GAS
10318	LAMPRELL ENERGY LTD.
10329	KALPATARU POWER TRANSMISSION Ltd.
10337	LAING O'ROURKE MIDDLE EAST HOLDINGS LIMITED - DUBAI BR.

- It shows the list of products pending authorization.
- Users can click “Authorize” to directly navigate to the Authorization Screen.

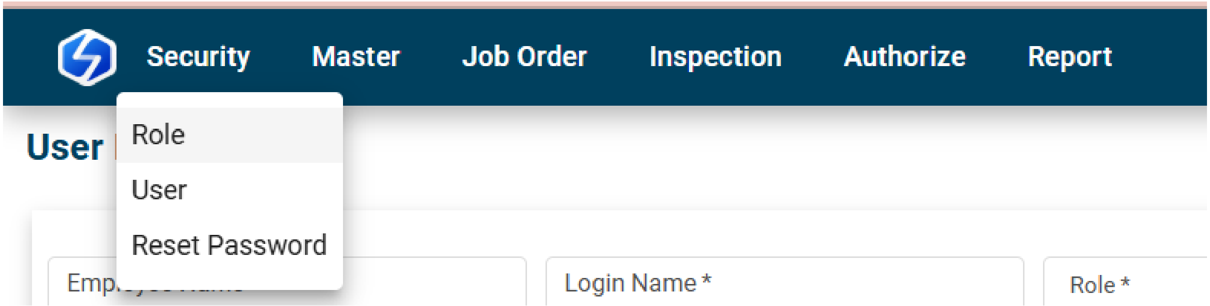
2. Menu Navigation

The application features six main menus:

- Security
- Master
- Job Order
- Inspection
- Authorize
- Reporter

Each of these menus provides dedicated functionalities:

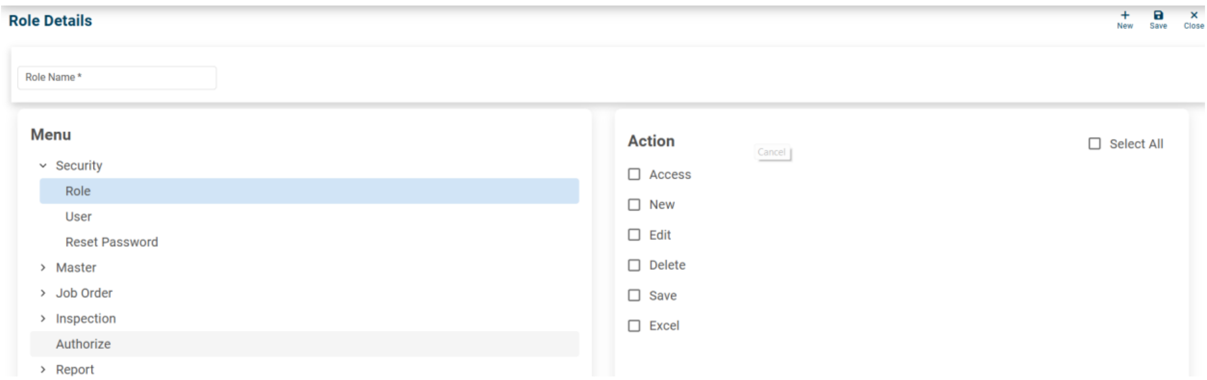
A. Security Menu



This section includes the creation of roles and users. It contains the following sub-menus:

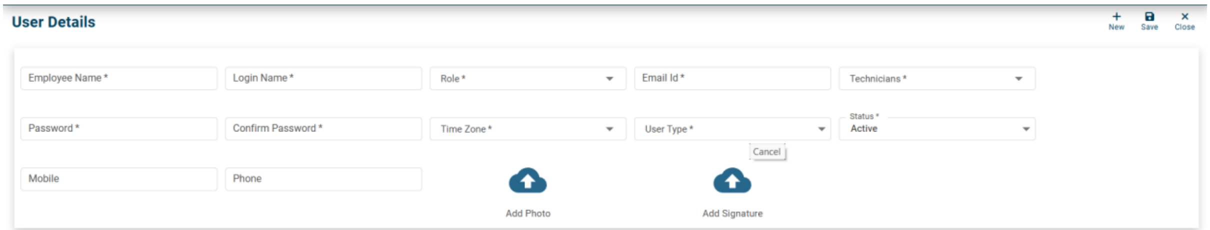
- Role
- User
- Reset Password

Role Creation:



- Before creating users, roles must be defined.
- Each role consists of:
- A Role Name
- Assigned Menus the role can access
- Defined Actions for each menu (e.g., view, create, edit, delete)
- Once configured, roles can be saved and reused for multiple users, depending on their job responsibilities.

User Creation



- Users are created under the “User” sub-menu.

❖ During user creation, the following details must be configured:

- Login Name and Password
- Assigned Role (defined in the Role menu)
- Technician Name associated with the user- unallocated technician list will show here..
- User Type – Can be set as:

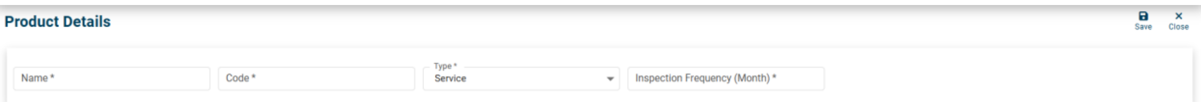
✓ Mobile User
✓ Web User
✓ Both

- Status: Active/Inactive

✓ By default it is Active
✓ Can be set to Inactive to block login access when needed

- Signature: This signature is used in certificate. So it’s a mandatory field..

B. Master Menu

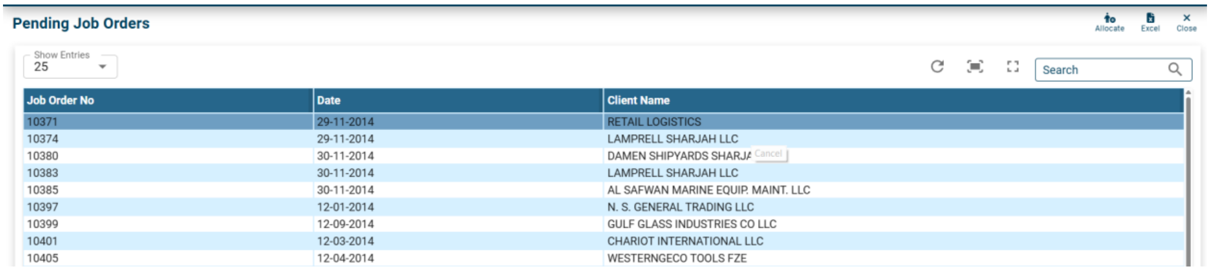


- Contains master data such as Product Master, which holds essential details required across operations.

C. Job Order Menu

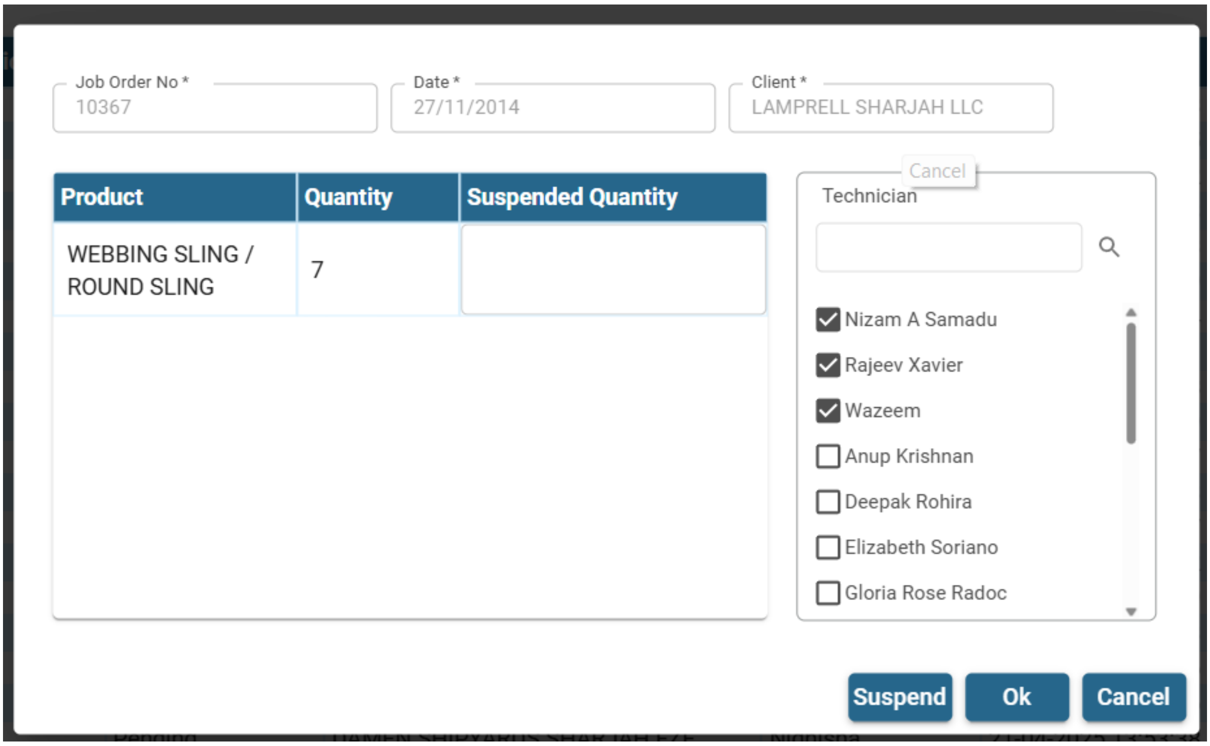
- Divided into:
  - ✓ Pending Job Order
  - ✓ Allocated Job Order

Workflow:



1. Job orders are received from the Focus system and appear under Pending Job Orders.

2. Users can select a job order and Allocate technicians based on the product and quantity.



3. Upon confirmation, the job order moves to Allocated Job Orders.

4. From the allocated list:

Technician assignments can be modified.

Products or specific quantities can be suspended if needed.

D. Inspection Menu

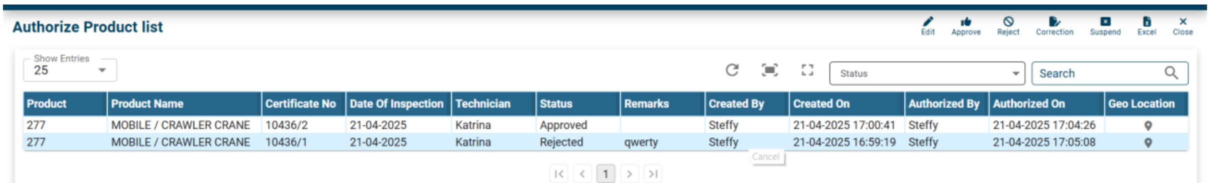
- Includes modules such as:
- Risk Assessment
- Inspection Timesheet
- Acknowledgement

These inspection-related actions are:

- Captured via the mobile app.
- Synced automatically to the web for visibility and further actions.
- Users can now also create and edit inspection data directly from the web if needed(admin).

E. Authorization Menu

- After job acknowledgments are completed from the mobile side, they appear in this section.
- Functionality includes:
- Viewing detailed job order and inspection information.



Product	Product Name	Certificate No	Date Of Inspection	Technician	Status	Remarks	Created By	Created On	Authorized By	Authorized On	Geo Location
277	MOBILE / CRAWLER CRANE	10436/2	21-04-2025	Katrina	Approved		Steffy	21-04-2025 17:00:41	Steffy	21-04-2025 17:04:26	
277	MOBILE / CRAWLER CRANE	10436/1	21-04-2025	Katrina	Rejected	qwerty	Steffy	21-04-2025 16:59:19	Steffy	21-04-2025 17:05:08	

- Performing bulk approvals or handling items individually.
- Options available:
  - ✓ Approve
  - ✓ Reject

Once approved or rejected:

- Certificate is generated (if approved).

- Rejection Report is generated (if rejected).

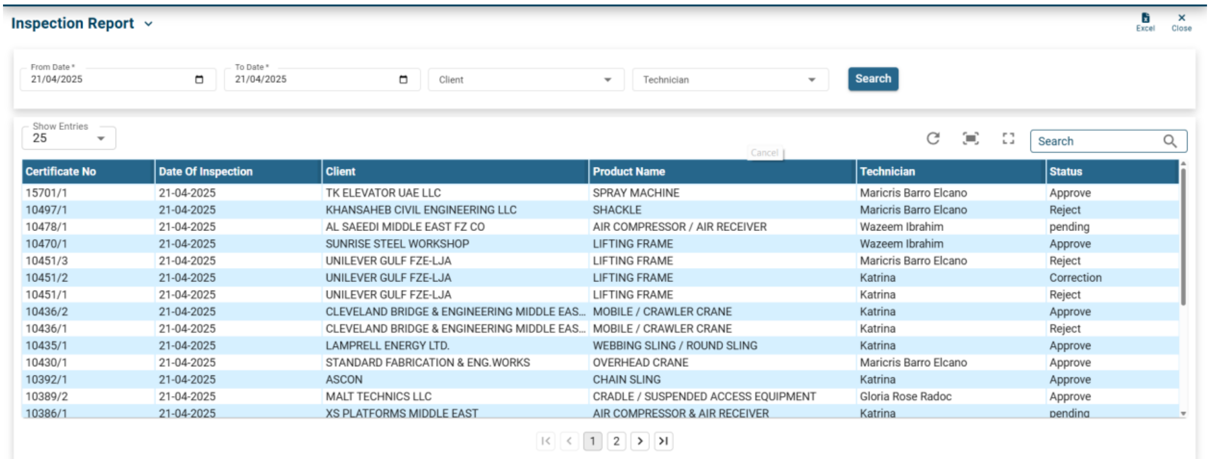
✓ Correction- If sent for correction:

Technician receives a notification.

Corrects the inspection and resubmits.

✓ Suspend (if a product is cancelled by the customer or no longer needed)

Reports Module


Inspection Report

From Date * 21/04/2025 | To Date * 21/04/2025 | Client | Technician | Search

Show Entries 25

Certificate No	Date Of Inspection	Client	Product Name	Technician	Status
15701/1	21-04-2025	TK ELEVATOR UAE LLC	SPRAY MACHINE	Maricris Barro Elcano	Approve
10497/1	21-04-2025	KHANSAHEB CIVIL ENGINEERING LLC	SHACKLE	Maricris Barro Elcano	Reject
10478/1	21-04-2025	AL SAEEDI MIDDLE EAST FZ CO	AIR COMPRESSOR / AIR RECEIVER	Wazeem Ibrahim	pending
10470/1	21-04-2025	SUNRISE STEEL WORKSHOP	LIFTING FRAME	Wazeem Ibrahim	Approve
10451/3	21-04-2025	UNILEVER GULF FZE-LJA	LIFTING FRAME	Maricris Barro Elcano	Reject
10451/2	21-04-2025	UNILEVER GULF FZE-LJA	LIFTING FRAME	Katrina	Correction
10451/1	21-04-2025	UNILEVER GULF FZE-LJA	LIFTING FRAME	Katrina	Reject
10436/2	21-04-2025	CLEVELAND BRIDGE & ENGINEERING MIDDLE EAS...	MOBILE / CRAWLER CRANE	Katrina	Approve
10436/1	21-04-2025	CLEVELAND BRIDGE & ENGINEERING MIDDLE EAS...	MOBILE / CRAWLER CRANE	Katrina	Reject
10435/1	21-04-2025	LAMPRELL ENERGY LTD.	WEBBING SLING / ROUND SLING	Katrina	Approve
10430/1	21-04-2025	STANDARD FABRICATION & ENG.WORKS	OVERHEAD CRANE	Maricris Barro Elcano	Approve
10392/1	21-04-2025	ASCON	CHAIN SLING	Katrina	Approve
10389/2	21-04-2025	MALT TECHNICS LLC	CRADLE / SUSPENDED ACCESS EQUIPMENT	Gloria Rose Radoc	Approve
10386/1	21-04-2025	XS PLATFORMS MIDDLE EAST	AIR COMPRESSOR & AIR RECEIVER	Katrina	pending

- Reports available based on selected date:
- Painting Job Orders
- Allocated Job Orders
- Inspection Details
- Unallocated Technician List
- Timesheet
- Risk Assessment
- Acknowledgement
- Authorization

3. Key Benefits of the Claymore Web/Mobile Platform

- Smooth workflow from job order creation to authorization.
- Easy allocation and reallocation of technicians.
- Mobile/Web-enabled inspection and editing capabilities.
- Flexible approval mechanisms including corrections and suspension.
- Report and certificate Generation
- Excel export and print
- Geolocation tracking, which captures the technician’s location from check-in to check-out
- Active /Inactive users
- Different notifications to mobile users...